

920041741

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Hey, et al.

Serial No.: 09/687,053

Confirmation No.: 1116

Filed: October 12, 2000

For: Deposition Uniformity Control for
Electroplating Apparatus and
Associated Method

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Group Art Unit: 1741

Examiner: VALENTINE, D.

Box DAC  
Commissioner for Patents  
Washington, D.C. 20231

**Dear Sir:**

**CERTIFICATE OF MAILING**  
**37 CFR 1.8**

I hereby certify that this correspondence is being deposited on January 9, 2003 with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, Box DAC, Washington, D.C. 20231.

01/09/03 Keith R. Zuber  
Date Signature

# PETITION TO WITHDRAW A HOLDING OF ABANDONMENT UNDER 37 C.F.R. § 1.181

Applicants petition that the abandonment set forth in the Notice of Abandonment mailed by the Office on November 20, 2002 be withdrawn. In the Notice of Abandonment Applicants were notified that the above-identified application was abandoned because the issue fee for the above-identified application has not been received. Applicants respectfully submit, however, that the notice of allowance for the above-identified application was never received by the Applicants. Accordingly, Applicants respectfully request that the holding of abandonment be withdrawn.

In support of this petition, Applicants provide enclosed written statements under 37 C.F.R. § 1.181 and a copy of a docket record for the above-identified application as Exhibit A.

Applicants do not feel that a fee is necessary at this time, but if the sum of \$130.00 is due under 37 C.F.R. § 1.17 (h), the Commissioner is hereby authorized to charge this fee, and any other fee necessary to make this submission timely and acceptable to the Deposit Account No. 20-0782/AMAT/2601.P7/CMP/ECP/RKK.

Respectfully submitted,



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Keith M. Tackett  
Registration No. 32,008  
MOSER, PATTERSON & SHERIDAN, L.L.P.  
3040 Post Oak Blvd., Suite 1500  
Houston, TX 77056  
Telephone: (713) 623-4844  
Facsimile: (713) 623-4846  
Attorney for Assignee



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Group Art Unit: 1741

Examiner: VALENTINE, D.

Box DAC  
Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

|                                                                                                                                                                                                                                            |                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| CERTIFICATE OF MAILING<br>37 CFR 1.8                                                                                                                                                                                                       |                                     |
| I hereby certify that this correspondence is being deposited on<br>January 9, 2003 with the United States Postal Service as<br>First Class Mail in an envelope addressed to: Commissioner<br>for Patents, Box DAC, Washington, D.C. 20231. |                                     |
| 01/09/03<br>Date                                                                                                                                                                                                                           | <i>Keith M. Tucker</i><br>Signature |

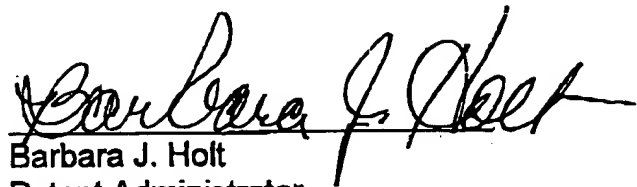
**Statement By Barbara J. Holt**

I, Barbara J. Holt, am providing the following statement under 37 CFR 1.181:

I am a Patent Administrator for Applied Materials Inc., of Santa Clara, California. My responsibility includes managing the documentations in connection with the prosecution of the above-identified application. I have searched the file jacket for the above-identified application and as of today, I have not found a notice of allowance for the referenced case.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the

application, any patent issuing thereon, or any patent to which the verified statement is directed.

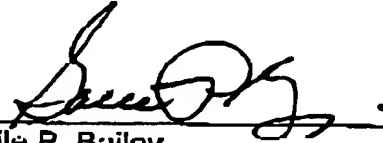


Barbara J. Holt  
Patent Administrator  
Applied Materials, Inc.,  
P.O. Box. 458  
Santa Clara, California 95052

Date Signed: January 7, 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which the verified statement is directed.



Gaile P. Bailey  
Docketing Administrator  
Applied Materials, Inc.,  
P.O. Box. 458  
Santa Clara, California 95052

Date Signed: 1.8.2003



# Exhibit A

12/02/2002

## Patent Information Print

|                  |                              |                   |                        |
|------------------|------------------------------|-------------------|------------------------|
| Docket No        | 002601                       | Next Tax Dt       |                        |
| Country          | United States                | Associate         | Todd Patterson         |
| Case Type        | REGULAR CASE TYPE            | PBG               | Electro-Copper Plating |
| Relation Type    | CONTINUATION-IN-PART         | Patent Admin      | Barbara J Holt         |
| Filing Type      | NATIONAL CASE                | Orig Office       |                        |
| Filing No        | 07                           | Add'l Atty        |                        |
| Attorney         | Raymond Kam-on KWONG         | OPP PTY           |                        |
| Law Firm         | Moser, Patterson & Sheridan, | Add'l Billing Agt | Robert W Mulcahy       |
| Client\Division  | Chemical Mechanical Polishin | Ag Ref No         |                        |
| Current Owner    | Applied Materials, Inc. and  | Rating            |                        |
| Prev Own         | L-Chem                       | Module            |                        |
| AMJ#             |                              | Assoc Div         |                        |
| Status           | APPLICATION IS FILED         | SAP Upload        |                        |
| First Filing Dt  | 11/30/1998                   | Opposition No     |                        |
| Sub Stat         |                              | Oppn Dt           |                        |
| Sub Stat Dt      |                              | Reel/Frame        | 011555/0466            |
| Parent Country   | USA4                         | Assgn Dt          | 10/12/2000             |
| Parent Filing Dt | 04/08/1999                   | Reel/Frame #2     |                        |
| Parent No        | 60/216790 & 9/289074         | 2nd Assign Date   |                        |
| Parent Grant Dt  |                              | Archive Loc       |                        |
| Total Claims     | 25                           | Archive Dt        |                        |
| Ind. Claims      | 6                            | AGNT.REF NO #2    |                        |
| Application #    | 09/687,053                   | Cust No           |                        |
| Application Dt   | 10/12/2000                   | Cnfrm No          | 1116                   |
| Patent No        |                              | Govt Cont No      |                        |
| Grant Dt         |                              | Grp Art Unit      | 1741                   |
| Publication #    |                              | Verified          | N                      |
| Publication Dt   |                              | Customer          | AZPP                   |
| Assigned         | ASSIGNMENT RECORDED          | Create Dt         | 10/13/2000             |
| Expiration Dt    |                              | Update Dt         | 12/02/2002             |
| Conv Type        |                              | Update Tm         | 1508                   |
| Tax Base Dt      |                              | Update User       | DJB                    |
| Govt Cont        |                              | Update Type       |                        |

## \*\*Actions\*\*

|              |                           |             |            |
|--------------|---------------------------|-------------|------------|
| Action       | INVENTOR FILING AWARD DUE | Comp Dt     | 10/25/2000 |
| Act Due Date | 10/18/2000                | Resp Pty #1 |            |
| Taken Dt     |                           | Resp Pty #2 |            |
| DeadLn Dt    |                           |             |            |

|              |                              |             |            |
|--------------|------------------------------|-------------|------------|
| Action       | INFORMATION DISCLOSURE STATE | Comp Dt     | 12/28/2000 |
| Act Due Date | 01/12/2001                   | Resp Pty #1 |            |
| Taken Dt     |                              | Resp Pty #2 |            |
| DeadLn Dt    |                              |             |            |

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|--------------|---------------|-------------|------------|
| Action       | OFFICE ACTION | Comp Dt     | 06/27/2002 |
| Act Due Date | 07/11/2002    | Resp Pty #1 |            |
| Taken Dt     | 04/26/2002    | Resp Pty #2 |            |
| DeadLn Dt    | 10/11/2002    |             |            |

Act Notes  
4/26/02 to Todd./mw

|              |                         |             |  |
|--------------|-------------------------|-------------|--|
| Action       | RESPONSE TO ABANDONMENT | Comp Dt     |  |
| Act Due Date | 12/20/2002              | Resp Pty #1 |  |
| Taken Dt     |                         | Resp Pty #2 |  |
| DeadLn Dt    |                         |             |  |

|              |                             |             |            |
|--------------|-----------------------------|-------------|------------|
| Action       | FOREIGN FILING COMPLETED BY | Comp Dt     | 10/12/2001 |
| Act Due Date |                             | Resp Pty #1 |            |
| Taken Dt     | 10/05/2001                  | Resp Pty #2 |            |
| DeadLn Dt    | 10/12/2001                  |             |            |

Act Notes  
10/5/01 Sent to Todd for filing in PCT (designating EP, JP, KORS, PRC) and TAIW./mw

|              |                |             |            |
|--------------|----------------|-------------|------------|
| Action       | FILING RECEIPT | Comp Dt     | 12/01/2000 |
| Act Due Date |                | Resp Pty #1 |            |
| Taken Dt     |                | Resp Pty #2 |            |
| DeadLn Dt    |                |             |            |

|              |                        |             |            |
|--------------|------------------------|-------------|------------|
| Action       | SUPPLEMENTAL IDS FILED | Comp Dt     | 07/12/2001 |
| Act Due Date |                        | Resp Pty #1 |            |
| Taken Dt     |                        | Resp Pty #2 |            |
| DeadLn Dt    |                        |             |            |

|        |                              |         |            |
|--------|------------------------------|---------|------------|
| Action | FOR FILING RECOMMENDATION FR | Comp Dt | 09/05/2001 |
|--------|------------------------------|---------|------------|



12/02/2002

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| Prev Own         | L-Chem                       | Module            |                        |
| AMJ#             |                              | Assoc Div         |                        |
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| Parent No        | 60/216790 & 9/289074         | 2nd Assign Date   |                        |
| Parent Grant Dt  |                              | Archive Loc       |                        |
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| Application Dt   | 10/12/2000                   | Cnfrm No          | 1116                   |
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| Tax Base Dt      |                              | Update User       | DJB                    |
| Govt Cont        |                              | Update Type       |                        |

## \*\*Actions\*\*

|              |                           |             |            |
|--------------|---------------------------|-------------|------------|
| Action       | INVENTOR FILING AWARD DUE | Comp Dt     | 10/25/2000 |
| Act Due Date | 10/18/2000                | Resp Pty #1 |            |
| Taken Dt     |                           | Resp Pty #2 |            |
| DeadLn Dt    |                           |             |            |

|              |                              |             |            |
|--------------|------------------------------|-------------|------------|
| Action       | INFORMATION DISCLOSURE STATE | Comp Dt     | 12/28/2000 |
| Act Due Date | 01/12/2001                   | Resp Pty #1 |            |
| Taken Dt     |                              | Resp Pty #2 |            |
| DeadLn Dt    |                              |             |            |

|              |               |             |            |
|--------------|---------------|-------------|------------|
| Action       | OFFICE ACTION | Comp Dt     | 06/27/2002 |
| Act Due Date | 07/11/2002    | Resp Pty #1 |            |
| Taken Dt     | 04/26/2002    | Resp Pty #2 |            |
| DeadLn Dt    | 10/11/2002    |             |            |

Act Notes  
4/26/02 to Todd./mw

|              |                         |             |  |
|--------------|-------------------------|-------------|--|
| Action       | RESPONSE TO ABANDONMENT | Comp Dt     |  |
| Act Due Date | 12/20/2002              | Resp Pty #1 |  |
| Taken Dt     |                         | Resp Pty #2 |  |
| DeadLn Dt    |                         |             |  |

|              |                             |             |            |
|--------------|-----------------------------|-------------|------------|
| Action       | FOREIGN FILING COMPLETED BY | Comp Dt     | 10/12/2001 |
| Act Due Date |                             | Resp Pty #1 |            |
| Taken Dt     | 10/05/2001                  | Resp Pty #2 |            |
| DeadLn Dt    | 10/12/2001                  |             |            |

Act Notes  
10/5/01 Sent to Todd for filng in PCT (designating EP, JP, KORS, PRC) and TAIW./mw

|              |                |             |            |
|--------------|----------------|-------------|------------|
| Action       | FILING RECEIPT | Comp Dt     | 12/01/2000 |
| Act Due Date |                | Resp Pty #1 |            |
| Taken Dt     |                | Resp Pty #2 |            |
| DeadLn Dt    |                |             |            |

|              |                        |             |            |
|--------------|------------------------|-------------|------------|
| Action       | SUPPLEMENTAL IDS FILED | Comp Dt     | 07/12/2001 |
| Act Due Date |                        | Resp Pty #1 |            |
| Taken Dt     |                        | Resp Pty #2 |            |
| DeadLn Dt    |                        |             |            |

|        |                              |         |            |
|--------|------------------------------|---------|------------|
| Action | FOR FILING RECOMMENDATION FR | Comp Dt | 09/05/2001 |
|--------|------------------------------|---------|------------|

Act Due Date  
Taken Dt  
DeadLn Dt

10/12/2001

Resp Pty #1  
Resp Pty #2

Action  
Act Due Date  
Taken Dt  
DeadLn Dt

FILE ASSIGNMENT

Comp Dt  
Resp Pty #1  
Resp Pty #2

02/21/2001

Act Notes

CORRECTED/USPTO STATED SIGNATURE MISSING

Action  
Act Due Date  
Taken Dt  
DeadLn Dt

Certified Copies ordered fro

Comp Dt  
Resp Pty #1  
Resp Pty #2

02/13/2001

Action  
Act Due Date  
Taken Dt  
DeadLn Dt

EXAMINER'S SUMMARY INTERVIEW

06/19/2002

Comp Dt  
Resp Pty #1  
Resp Pty #2

Act Notes

7/2/02 - to TP. /bh

Action  
Act Due Date  
Taken Dt  
DeadLn Dt

SUPPLEMENTAL IDS FILED

Comp Dt  
Resp Pty #1  
Resp Pty #2

05/03/2002

Action  
Act Due Date  
Taken Dt  
DeadLn Dt

EXAMINER'S SUMMARY INTERVIEW

06/26/2002

Comp Dt  
Resp Pty #1  
Resp Pty #2

Act Notes

7/9/02 - copy to TP. /bh

**\*\*Description\*\***

**Description**

28DE2001 Tackett filed IDS./mw  
05OC2001 Per Todd Patteson, P. Sgarbossa, sent to Todd for  
filing in PCT (designating EP, JP, KORS,  
PRC) and TAIW (using Tsai, lee & Chen). FOREIGN FILING WILL  
BE 2601-12./mw  
11AP2002 PTO sent OA due 7/11/02. Sent to Todd 4/26/02./m  
w

**\*\*Expenses\*\***

|          |                             |              |    |
|----------|-----------------------------|--------------|----|
| Exp      | FIRST FILING FEES           | PTO Dt       |    |
| Amt      | 710                         | PTO Fee Code | 0  |
| Exp Dt   | 10/13/2000                  | GL Number    |    |
| Cost Ctr | 2492                        | Notes        |    |
| Pay To   | NEW APPLIED DEPOSIT ACCOUNT | Tax Year     | .0 |
| Exp      | EXTRA CLAIM FEES            | PTO Dt       |    |
| Amt      | 90                          | PTO Fee Code | 0  |
| Exp Dt   | 10/13/2000                  | GL Number    |    |
| Cost Ctr | 2492                        | Notes        |    |
| Pay To   | NEW APPLIED DEPOSIT ACCOUNT | Tax Year     | .0 |
| Exp      | INDEPENDENT CLAIMS FEE      | PTO Dt       |    |
| Amt      | 240                         | PTO Fee Code | 0  |
| Exp Dt   | 10/13/2000                  | GL Number    |    |
| Cost Ctr | 2492                        | Notes        |    |
| Pay To   | NEW APPLIED DEPOSIT ACCOUNT | Tax Year     | .0 |
| Exp      | ASSIGNMENT RECORDATION FEE  | PTO Dt       |    |
| Amt      | 40                          | PTO Fee Code | 0  |
| Exp Dt   | 10/13/2000                  | GL Number    |    |
| Cost Ctr | 2492                        | Notes        |    |
| Pay To   | NEW APPLIED DEPOSIT ACCOUNT | Tax Year     | .0 |
| Exp      | ASSIGNMENT RECORDATION FEE  | PTO Dt       |    |
| Amt      | 40                          | PTO Fee Code | 0  |
| Exp Dt   | 02/21/2001                  | GL Number    |    |
| Cost Ctr | 2492                        | Notes        |    |
| Pay To   | NEW APPLIED DEPOSIT ACCOUNT | Tax Year     | .0 |
| Exp      | EXTRA CLAIM FEES            | PTO Dt       |    |